



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4943-1

Job Sheet 183999



Part No: D4943-1

Job Qty: 10 ea

Part Name: Flex Hose



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/1/18

Job Tracking No:

Due Date: 10/26/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV C IPP REV.A NEW ISSUE JFS 13/09/19 VERIFY BY: DD IPP REV.B 14.05.05 AS PER DWG
REV.B DD VERF BY:JLM IPP REV:C 14.06.18 AS PER DWG REV.C DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	10 pcs	10/26/18	10/26/18	0.00	0.00	Purchasing		NOV 07 2018
110	Packaging	10 pcs	10/26/18	10/26/18	0.00	0.00	Packaging2		NOV 07 2018
120	QC	10 pcs	10/26/18	10/26/18	0.00	0.00	QC6		NOV 09 2018
130	Packaging	10 pcs	10/26/18	10/26/18	0.00	0.00	Packaging3-2	57220300	NOV 09 2018
140	QC21-SA	10 Ea	10/26/18	10/26/18	0.00	0.00	QC21		NOV 12 2018

Part Op 100 - Issue P/O 04121 Purchase part #: 12EAS12S-03900F Possible supplier: AERO-FLEX Certificate of

Descriptions: conformity is required

110 - Certificate of conformity is required.

DAS
13
9-89

CT OCT 02 2018 X10

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
12EAS1S2-03900F	Flex Hose	10 pcs (1 ea)	100-Purchasing	5125456

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	12EAS1S2-03900F	10	0	0

Part Specifications

Specifications could not be found.

Plex 10/1/18 12:36 PM Dart.lajeunesse.marie



Container No: S125457



Part: D4943-1

Job No: 183999

Serial No/Batch: S125457

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/07/18

DQA: _____ Date: _____



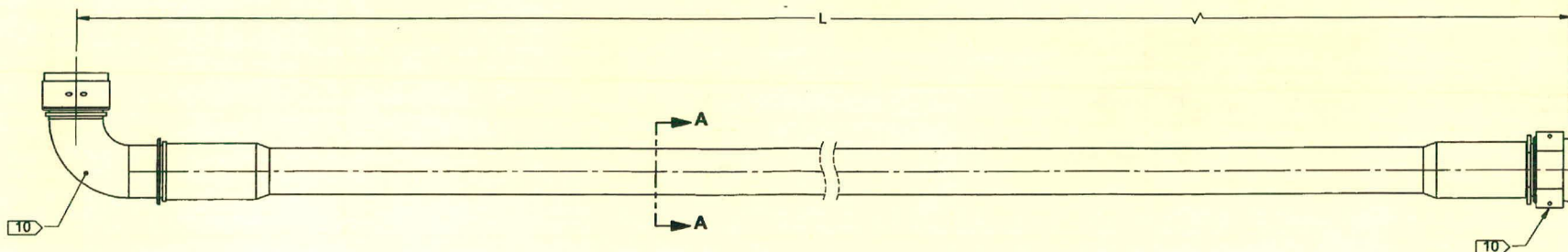
WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

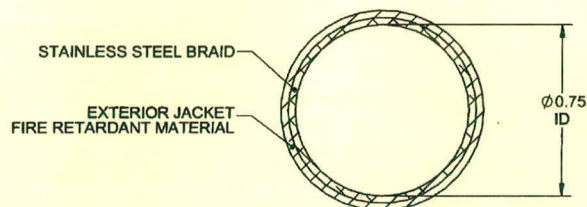
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval																																																								
Description Work Order Deviation				Disposition				Completed By																																																							
								Lead hand / Supervisor Approval Verification																																																							
								QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	No Re-verification ☐	Operator ☐	Offset/Setup ☐	Supplier ☐	Training ☐	Use for Testing ☐	Poor Information ☐	Rushing ☐	Product Improvement ☐	Process Improvement ☐	Manufacturing Process ☐	Past Due ☐	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
																								OTHER :																																							

SPECIFICATION CONTROL DRAWING



D4943-XX FLEX HOSE



**SECTION A-A
TUBE BUILD-UP**

DART P/N	L	VENDOR	VENDOR P/N	WEIGHT
D4943-1	40.00	AERO-FLEX	12EAS12S-03900F OR 12EAS1S2-03900F	1.3 lbs



NOTES:

- 1) MATERIAL: BRAID: STAINLESS STEEL PER MANUFACTURER
JACKET: FIRE RETARDANT MATERIAL PER MANUFACTURER
END FITTING: STAINLESS STEEL PER MANUFACTURER
- 2) FINISH: N/A
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER QSI 044 6.1.
- 7) WEIGHT: SEE TABLE
- 8) MAXIMUM OPERATING TEMPERATURE 500 °F
- 9) MAXIMUM OPERATING PRESSURE 120 PSI
- 10) END FITTING REQUIREMENTS: FEMALE, 3/4, 37 ° JIC FITTING (THREAD 1-1/16 UN), WITH LOCKWIRE HOLES

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT

WITHOUT NOTICE
WORK ORDER

NO. 183999 MWS
1810-01

RELEASED
2014-06-16

C	SEE CHART ADDED ADDITIONAL ACCEPTABLE P/N	AJS	14.05.01
B	SEE CHART: VENDOR WAS SWAGELOK, VENDOR P/N WAS SS-FJ12TA12AS12-40F. REASON: VENDOR CHANGED FOR LEADTIME ISSUES.	AJS	14.03.14
A	NEW ISSUE	AJS	13.09.18
REV.	DESCRIPTION	BY	DATE
DESIGN	AS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED	AP	DRAWING NO.	REV. C
MFG. APPR.	JLM	D4943	SHEET 1 OF 1
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	FLEX HOSE	NTS
DATE	14.05.01	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESSED CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

APPROVED

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐							
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval				
Description Work Order Deviation				Disposition							
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter		☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes		☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center		☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence	
				OTHER : _____							



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO041217**

Supplier: AEF002-VU
Aero-Flex Corp
3147 Jupiter Park Cir
Jupiter, FL 33458 USA
Phone: 561-745-2534
Fax: 561-745-2537

PO No: PO041217

PO Date: 10/2/18

Due Date: 11/19/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Beecraft, AshleyPhone:

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

REVISED

E-MAILED
OCT 10 2018

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	183999	12EAS1S2-03900F			Flex Hose As Per Dwg D4943 Rev. C	Firmed	-	11/19/18	10 pcs	0 pcs	10 pcs	\$562.39/pcs	\$5,623.90
10 x NOV 07 2018													

Grand Total: \$5,623.90

DAS
38
9-89

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Plex 10/10/18 12:48 PM dart.lavoie.chantal

Aero-Flex Corp.
3147 Jupiter Park Circle
Jupiter FL 33458



Packing Slip

Certificate of Conformance

Phone# 561-745-2534 Fax# 561-745-2537
www.aero-flex.aero

Date	Invoice #
10/31/2018	3071

Bill To	Ship To
Dart Aerospace Ltd 1270 Aberdeen Street Hawkesbury, ON K6A 1K7	

AF S.O. #	Customer P.O. #	Ship Date	Via	FOB	Project
PO041217	PO041217 ✓	10/31/2018	Fed Ex Ground		

Quantity	Item	Part Number/Rev	Description
10 ✓	1	D4943-1 ✓	FLEX HOSE ASSEMBLY - AF#12EAS1S2-03900F PLEASE SHIP ON CUSTOMERS FED EX ECONOMY ACCT# 151793240

We hereby certify the above parts, including all materials, have been manufactured, tested and packed in conformance with all requirements of your order and the applicable government specifications and standards. Records of tests, inspections and certification indicating the above conformance are on file at Aero-Flex Corp. available for examination. It is hereby certified that any parts identified with TSO identification (a) were produced under Federal Aviation Administration (FAA) approved manufacturing and quality control system/methods as set forth in the FAA issued Technical Standard Order authorizations (TSO), and (b) such parts and/or materials are new and are in condition for safe operation. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards in this TSO.

It is the responsibility of those desiring to install this hose assembly on an aircraft or engine to determine that the installation will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved. The hose assembly may only be installed in a manner acceptable to, or approved by, the Administrator.

The above commodities are subject to the Export Administration Regulations (EAR) and/or International Traffic in Arms Regulations (ITAR). If applicable, it is your responsibility to obtain a validated export license for this material from the Department of Commerce or the Department of State if so required under the applicable U.S. Govt. Export Control Regulation. The above material shall not be shipped to any country that has an embargo placed on it by the U.S. Govt or any entity on the U.S. Debarred list. By accepting the items on this PackSlip/C of C/Invoice you agree to Aero-Flex Corp's Terms and Conditions of Sale. These commodities, technology or software were exported from the United States in accordance with Export Administration Regulations. Diversion contrary to U.S. law is prohibited. These items may not be used directly or indirectly in prohibited nuclear, chemical, biological, or missile weapon activities.

Michael E. Scott
Quality Manager

Firm 4QF015-01
REV C

011253
SSDI

CERTIFIED REPORTS OF TESTS

Page 1 of 1

This certificate issued in accordance with EN 10204-3.1

Notified body BSI, BSI Assurance UK Limited, certified to PED and ISO 9001, certificate numbers on file.

CUSTOMER ORDER # C315247/1
PURCHASE ORDER # 6102-M15
CERTIFICATION DATE 1/31/2018 6 01:03AM
SHIP VIA CUST ADV

181013A

DESCRIPTION 1.375" X 0.049" AVG TP304/TP304LASME/ASTM SA249/A249/A269/A554
PRODUCT TYPE WELDED TUBE, BEAD REDUCED, BRIGHT SOLUTION ANNEALED
HEAT TREATMENT 1900F (1040C) MIN, QUENCHED IN INERT GAS ATM
REVISION DATE ASME SA249-E17, ASTM A249-16, A269-15a, A554-16

ITEM NUMBER JT1375044S30403300000
CUST PART ID PTC SPEC# 626
QUANTITY 2,500 FT
NUMBER OF PIECES 260
MELT ORIGIN USA
MELT PRACTICE EAM / AOD

MADE IN USA

POSITIVE MATERIAL ID OK (ASTM E1476)

CHEMICAL ANALYSIS (WT%)

Heat # 853552

	C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N	Ti	B
Heat Analysis	0.011	1.51	0.034	0.0130	0.38	19.2	8.12	0.54	0.46	0.16	0.07	0.001	0.0028
Product Analysis	0.014	1.51	0.034	0.0150	0.37	18.1	8.08	0.54	0.46	0.15	0.07	0.004	0.0038

MECHANICAL TEST(S)

YIELD STRENGTH (0.2% OFFSET)	TENSILE STRENGTH	ELONGATION (% IN 2")	HARDNESS	VISUAL TEST - PASS
52700 PSI (364 MPA)	94000 PSI (649 MPA)	59	HRB 85	
54300 PSI (375 MPA)	96000 PSI (662 MPA)	58	HRB 85	
FLANGE TEST - PASS	REVERSE BEND - PASS	REVERSE FLATTENING - PASS	DIMENSIONS - PASS	
FLATTENING TEST - PASS	FLARE TEST - PASS	EDDY CURRENT - PASS		

ADDITIONAL TEST(S)

N/A

ATTTEST: RathGibson Jamestown LLC does not use mercury, lead, sulfur or any special metal alloy which is liquid at ambient temperature in its product or facility. There are no known detrimental materials in the line marking ink. Weld repair was not used to manufacture this product. RathGibson's stainless steel tubing manufacturing process does not use any of the products targeted in the U.S. Clean Air Act of 1990, and is compliant with the European Community RoHS2 Directive 2011/65/EU. We hereby testify that the material described herein was manufactured, sampled, tested, and inspected in accordance with all applicable above noted specifications and the results meet the requirements of those specifications. Technical inquiries regarding this form should be directed to the Technical Services Group. All other assistance concerning this certification should be directed to the preparer (see below). For purposes of determining conformance with the specifications, dimensional requirements shall be rounded in accordance with the rounding-off method of ASTM practice E 29 as noted in section 6.4.4. When the product description above includes BPE SF1 or BPE SF4 the products have been manufactured and tested to comply with the requirements of the ASME BPE Specification and under the authorization granted through ASME BPE Certificate of Authorization No. BPE-103 Expiring on 05/21/2019.

Cert ID: 451217-2018-1-31

MTR8-01 Rev. 14 Rev. Date 2/24/2016

Caroline Pratesi, Director of Quality

Kate Williamson, MILL CERTIFICATION

CONSIGNEE Please note - This consignment was turned over to carrier in this clean condition, being correctly labeled, at which time our responsibility for loss or damage in shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transportation agent on waybill before signing.

MSDS - Material Safety Data Sheets for this product have been supplied to your Purchasing Department and can also be downloaded from <http://www.rathgibson.com>. Processing that results in fumes, dust or solution may cause lung disease. See Material Safety Data Sheet for Additional Information.

SMALL LOT CONFORMANCE - This certificate of test results shall not be reproduced, copied or sold, without express written approval of RathGibson Jamestown LLC.



ADDITIONAL DOCUMENTS REQUIRED FOR CERTIFICATION

12340 South Laramie Avenue
Alsip, IL 60803-3292 USA

Tel: 708-489-9500
or 800-323-7035
Fax: 708-371-1802

We Deliver Precision™

LOAD NO.	SHIP DATE	ULBRICH OF ILLINOIS	WORK ORDER	SALES ORDER - LINE	CUST PO. NO.
00100427			A06293	105-008573 - 1	800787

SOLD TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

SHIP TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

HEAT ID#
26860

PART DESCRIPTION	QTY ORDERED	U/M
Material Type: 321 Stainless Steel	632.00	LBS
MATERIAL TESTS NOT COVERED WITHIN NADCAP OR ISO/IEC 17025 SCOPE OF ACCREDITATION. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATION MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW.		
PART NUMBER S32100-01400AN#2		
CUST. P/N 01-16-014-13		

ADDITIONAL DOCUMENTS REQUIRED

Mlt. Mill Cert. is Required

170210K

US HOSE CORP.
ORDER# 199804
REFERENCE# 170130EH3
LINE# 1
PART# 0320-048-500

800787
01-16-014-13



MATERIAL CERTIFICATION

12340 South Laramie Avenue
Alsip, IL 60803-3292 USA

Tel: 708-489-9500
or 800-323-7035
Fax: 708-371-1802

Page 1 of 1

We Deliver Precision™

LOAD NO.	SHIP DATE	ULBRICH OF ILLINOIS	WORK ORDER	SALES ORDER - LINE	CUST PO. NO.
00100427			A06293	105-008573 - 1	800787

SOLD TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

SHIP TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

HEAT NO.
26860

PART DESCRIPTION	QTY ORDERED	UM
Material Type: 321 Stainless Steel	632.00	LBS
MATERIAL TESTS NOT COVERED WITHIN NADCAP OR ISO/IEC 17025 SCOPE OF ACCREDITATION. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATION MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW.		
PART NUMBER	S32100-01400AN#2	
CUST. P/N	01-16-014-13	

PRODUCT DESCRIPTION

Material Type: 321 Stainless Steel
Gauge: 0.01400" Gtol+: 0.00150" Gtol-: 0.00100"
Width: 3.4740" Wtol+: 0.00500" Wtol-: 0.00500"
Temper: AN Edge: 3S-#3 Slit Finish: #2
Camber Max: 0.250" in 8 feet

Customer Specifications

ASTM A240-16
SF-MS01, REV 7
SF-321, TYPE 1

Chemical Analysis (Wt. %) HEAT NO. 0445774-005

C	Cr	Cu	Mn	Mo	Ni	N	P	Si	S	Ti
.029	17.210	.190	.950	.190	9.130	.016	.024	.630	.001	.280

Mill Source

Country of Origin Mill Source

Italy Arinox

Mechanical Properties

TEST	UNITS	RESULTS	HIGH	LOW
Tensile - PSI		89778 ✓		
Yield - PSI		35099 ✓		
Elongation %		56 ✓		
Grain Size		8 ✓		
Bend		Pass		
Tensile - PSI		89778		
Yield - PSI		35099		
Elongation %		56		
Grain Size		8		
Bend		Pass		

FERRITE 5.727

COMMENTS LINE

US HOSE CORP.
ORDER# 199804
REFERENCE# 170130EH3
PART# 0320-048-620

800 787
01-16-014-13

This material was produced free from mercury, radium, alpha source, and low melting alloy or metal contamination. All converted hardness values must be considered approximate based on ASTM E140 and may be inaccurate for specific application.
This material Certification is only valid when signed by an authorized quality representative.

Processed and Verified per Ulbrich Quality Procedures
Certification Can Not Be Copied Except In Full

NET WEIGHT SHIPPED 632.00 LBS

SIGNED: _____

TITLE: QUALITY COORDINATOR

DATE: 22-Aug-2016

MA-002
8/22/2016



Romeoville, IL 60446

170210K

815 Forestwood Drive
Tel: (815) 886-1140
(800) 671-0033
Fax: (815) 886-4550
www.ushosecorp.com

CERTIFICATE OF CONFORMANCE

Customer's Name: AERO-FLEX

Customer's Address: JUPITER, FL 33458

Customer's Purchase Order: 170130EH3

U.S. Hose Corp. Order No.: 199804

Quantity & Description:

LINE . 1 QTY: 124 FT [HOSE T-321 400M 3/4" METAL HOSE]

P/N: 0320-048-500

LINE . 2 QTY: 150 FT [BRAID 48 X 6 X .0126 T-321 3/4" BRAID]

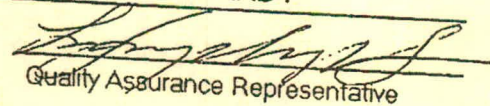
0903-113-600

Additional Information:

U.S. Hose Corporation Romeoville hereby certifies that all material used in the manufacture of the above order conforms to material and/or manufacturing specifications detailed on U.S. Hose Corporation Romeoville drawings and/or specifications listed above and are in accordance with the manufacturing provisions of the order.

By: LSOUMPHONPAKDY

Sign:


Quality Assurance Representative



Date: 2/1/2017

US HOSE

A United Flexible Company

815 Forestwood Drive

Romeoville, IL 60446

815-886-1140 • 800-671-0033 • Fax 815-886-4550

www.unitedflexible.com

PICK TICKET

ORDER NUMBER	212851
ORDER DATE	3/20/18
REQUIRED DATE	3/28/18

Turnaround: 1061796

SHIP TO: 102211

AERO-FLEX
3147 JUPITER PARK CIRCLE
SUITE 2
JUPITER, FL 33458

BILL TO: 102211

AERO-FLEX
3147 JUPITER PARK CIRCLE
SUITE 2
JUPITER, FL 33458

TERMS		SALESMAN		REFERENCE		SHIP VIA		F.O.B	
Net 30 Days		DUANE MCPEAK		180319EH3		UPS GRD COLLECT		Frt Collect	
LN	ITEM NUMBER	DESCRIPTION		B O	UM	QUANTITY ORDERED	QUANTITY SHIPPED	WHS	

SHIP UPS COLLECT ACCT # 4E0 22A									

1	0320-048-500	HOSE 321 400M 3/4"			Y FT	75.00	75'	USHC QC1	1
		637V 1804φ3A						Loc:	F17
								Loc:	SALES
								Loc:	
---ONE CONTINUOUS LENGTH---									
***MTRS									
AND C OF C ***									
2	0903-113-600	BRAID 48X6K.0126 T-321 3/4"			Y FT	75.00	75'	USHC QC1	1
		V11940 18φ4φ3B						Loc:	E04
								Loc:	
---ONE CONTINUOUS LENGTH, NOTHING SHORTER---									
***MTRS									
AND C OF C ***									
3	0029	CERTIFIED MATERIAL TEST REPORT			Y EA	1.00	1	USHC QC1	1
								Loc:	STOCK
								Loc:	
4	0031	CERTIFICATE OF CONFORMANCE			Y EA	1.00	1	USHC QC1	1
								Loc:	STOCK
								Loc:	



COMBINED METALS OF CHICAGO
ONE HAWK RD
HAMPSHIRE IL 60140
Phone: (847)683-0500
Fax: (847)683-4486
http://www.combmel.com

CMC ORDER NO.	YOUR P.O. NO.	LOT CODE	Page No.
21-94761	900745	52656	1 of 1

MATERIAL TEST CERTIFICATE
EN 10204:2004 - 3.1

180403A

31509

CUSTOMER	PRODUCT	SPECIFICATION
U.S. HOSE CORPORATION 815 FORESTWOOD DRIVE ROMEIOVILLE, IL 60446	321 CA2 ANNEALED COIL Thickness(in.): .015+/- .0005(.0145/.0155) Width: 3.474+/- .003 Customer Part #: 01-16-014-13 UNS: S32100	USHO SF-MS01-321-Type1 321 Rev# i There are exceptions to the above specifications. See the min/max ranges below for details.

HEAT NUMBER	MASTER TAG #	COIL ID	QTY SHIPPED	MILL SOURCE	MELT COUNTRY	ORIGIN COUNTRY
637V	610277	01637VAA	421	NORTH AMERICAN STAINLESS	USA	USA

SHIP TAG NUMBERS

611530 (421 lbs)

CHEMICAL ANALYSIS % PULLED FROM MILL SOURCE (WEIGHT PERCENT) per ASTM E1086

	C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Ti	Al	N	Co	B
Min						17	9			5x(C+N)				
Max	0.08	2	0.045	0.03	0.75	19	12			0.7		0.1		
Actual	0.012	1.548	0.03	0.001	0.323	17.0615	9.0305	0.2225	0.3715	0.2	0.0395	0.0167	0.149	0.0004
						Cb	DELFER	Ni+Co						

0.006 4.5598 9.1795

Mechanical and Physical Properties per ASTM E8									Surface Roughness Type:		
ASTM A262 Method E:			Bend Test Results:								
Head			Head			Tail			Head		
HV	Grain Size	Test Dir. Trans.	Tensile PSI	Yield PSI	Elong. %	Tensile PSI	Yield PSI	Elong. %		Long	Trans
168	7	Min	74694	29733	50	74694	29733	50	Min		Micro mm
122.4	10	Max		40611			40611		Max		Micro mm
	9	Actual	85000	33300	60				Actual		Micro mm
Tail			Head			Tail			Inclusion Rating Test Method		
HV	Grain Size	Test Dir. Long.	Tensile PSI	Yield PSI	Elong. %	Tensile PSI	Yield PSI	Elong. %			
168	7	Min							Type A	Type B	Type C
126	10	Max							Thin	Thin	Thin
		Actual							Thick	Thick	Thick

Testing Source	Chemistry from mill source listed above. Mechanical Properties taken from A2LA approved lab. Reference Lot Code above.
Comments	ROHS COMPLIANT

WE HEREBY CERTIFY THE MATERIAL SHIPPED TO THE ABOVE-SPECIFIED SPECIFICATION CONFORMS TO THE STATED CHEMICAL AND PHYSICAL REQUIREMENT TERMS AND PROCESSED FREE OF MERCURY (UNLESS OTHERWISE STATED). THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF ELGILOY SPECIALTY METALS. THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OF ENTRIES ON THIS DOCUMENT MAY BE A PUNISHABLE OFFENCE UNDER FEDERAL AND STATE LAW.

INSPECTORS STAMP

AUTHORIZED SIGNATURE:

Fred Donofrio, GENERAL MANAGER QUALITY ASSURANCE

DATE 02-21-18

US HOSE CORP.

ORDER# 212851

REFERENCE# 180319EH3

LINE# 1

PART# 0320-048-500

180403B



VENUS WIRE INDUSTRIES PRIVATE LIMITED

REGD.OFFICE: 19 RAGHUVANSHI MILL COMPOUND, S. B. MARG, LOWER PAREL, MUMBAI 400 013, (INDIA)

TEL.: +91(22)30451000/24978840 FAX: +91(22)30451045/24978846 E-MAIL: oqc@venuswires.com WEBSITE: www.venuswires.com

ISO: 9001:2008
CERTIFIED

No. WD/VW/2017-18/1412

INSPECTION /MILL/MATERIAL/QUALITY /EN 10204/3.1 CERTIFICATE

PRODUCT INFORMATION	CUSTOMER : US HOSE CORPORATION, U.S.A.		GRADE : SF-321-W											
	INVOICE NO. : PM/170557		HEAT NO. : V11940											
	PRODUCT FORM : STAINLESS STEEL WIRE													
	DIMENSION : 0.0126" Tol :- $\pm 0.0003"$		QUANTITY : 2914.09 LBS											
	IDENTIFICATION : BOX NO. : NN 1884-1885, SPOOL NO.: SC 01-64													
CHEMICAL COMPOSITION	CONDITION : BRIGHT ANNEALED.													
	ELEMENTS	C%	Si%	Mn %	P%	S%	Cr %	Ni %	Cu%	Mo %	N%	Nb%	Ti%	---
	SPECIFIED MIN	----	----	----	----	----	17.00	9.000	----	----	----	----	5 x C	---
	SPECIFIED MAX	0.080	1.000	2.000	0.045	0.030	19.00	12.00	----	----	----	----	0.800	---
	RESULTS	0.019	0.42	1.60	0.037	0.003	17.20	9.00	----	----	----	----	0.23	---
MECHANICAL PROPERTIES														
RESULTS		DIAMETER	UTS (PSI)		YS (0.2%) (PSI)		R A %		ELONGATION % (G L 10")		HARDNESS			
SPECIFIED	MIN	0.0123	100077		36260		NA		35.00		NA			
	MAX	0.0129	123283		56565		NA		---		NA			
SPOOL NO :- SC 03		0.0125	104159		47013		---		38.00		---			

HEAT TREATMENT : * STRAND ANNEALED AT 1050°C.

REMARKS : * MATERIAL IS FREE FROM MERCURY CONTAMINATION
 * MATERIAL IS AS PER CUSTOMER SPECIFICATION SF-MS03 REV.C
 * CERTIFICATE ACC TO EN 10204/3.1b(FORMERLY DIN 50049 3.1).
 * CUSTOMER ORDER NO: 801065, DATE: 03-04-2017
 * PART NO : 75-16-012-01.

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE CUSTOMER'S REQUIREMENTS MECHANICAL TEST RESULTS ARE TAKEN RANDOMLY FROM THE LOT

DATE : 11/07/2017



SHAILENDRA SHARMA
(WORK INSPECTOR)

DOC.No. F/QAD/06.R4

PLANT : ATKARGAON, TAKAI ADOSHI ROAD, KHALAPUR, KHOPOLI- 410203.
 PHONES : +91 (2192)304800/263404/262612 FAX :+91 (2192) 304850/268873

31092

75-16-012-01

801065

CERTIFICATE OF CONFORMANCE

Customer's Name: AERO-FLEX

Customer's Address: JUPITER, FL 33458

Customer's Purchase Order: 180319EH3

U.S. Hose Corp. Order No.: 212851

Quantity & Description:

LINE # 1 QTY: 75 FT [HOSE 321 400M 3/4"]

180403A

PN: 0320-048-500

LINE # 2 QTY: 75 FT [BRAID 48XX.0126 T-321 3/4"]

180403B

PN: 0903-113-600

Additional Information:

U.S. Hose Corporation Romeoville hereby certifies that all material used in the manufacture of the above order conforms to material and/or manufacturing specifications detailed on U.S. Hose Corporation Romeoville drawings and/or specifications listed above and are in accordance with the manufacturing provisions of the order.

By: Jorge Q.

Date: 3/28/2018

Sign: *Jorge Q.*

Quality Assurance Representative



SF-319
04/13/16

A United Flexible Company

815 Forestwood Drive
Romeoville, IL 60446
815-886-1140 • 800-671-0033 • Fax 815-886-4550
www.unitedflexible.com

170207AB

ORDER NUMBER	199804
ORDER DATE	1/30/17
REQUIRED DATE	2/01/17

Turnaround: 757045

SHIP TO: 102211

AERO-FLEX
3147 JUPITER PARK CIRCLE
SUITE 2
JUPITER, FL 33458

BILL TO: 102211

AERO-FLEX
3147 JUPITER PARK CIRCLE
SUITE 2
JUPITER, FL 33458

Ship GPF prepay + add cr

TERMS		SALESMAN		REFERENCE		SHIP VIA		F.O.B.	
Net 30 Days		DUANE MCPEAK		170130EH3		NDS GRD COLLECT		Ert Collect	
LN	ITEM NUMBER	DESCRIPTION	B O	UM	QUANTITY ORDERED	QUANTITY SHIPPED	WHS		
1	0320-048-500	*** UPS ACCT X61105 *** HOSE 321 400M 3/4" Required Date: 2/10/17 0445774.005	Y	FT	150.00	124	USHC QC15 Loc: _____ Loc: _____ Loc: _____	*G01 OMA SALES	
2	0903-113-600	BRAID 48X6X.0126 T-321 3/4" V10990	Y	FT	150.00	150	USHC QC15 Loc: _____ Loc: _____ Loc: _____	*E06	
3	0029	CERTIFIED MATERIAL TEST REPORT	Y	EA	1.00	1	USHC QC15 Loc: _____ Loc: _____ Loc: _____	STOCK	
4	0031	CERTIFICATE OF CONFORMANCE	Y	EA	1.00	1	USHC QC15 Loc: _____ Loc: _____ Loc: _____	STOCK	
****FEDEX GROUND COLLECT# 466188786****									

Ship G/F prepay + add per Buyer

local 2/2/17 cr

Ship GPF prepay + add per Brian

Local 2/17 cr

Adan 2/1/17



MATERIAL CERTIFICATION

12340 South Laramie Avenue
Alsip, IL 60803-3292 USA

Tel: 708-489-9500
or 800-323-7035
Fax: 708-371-1802

Page 1 of 1

We Deliver Precision™

LOAD NO.	SHIP DATE	ULBRICH OF ILLINOIS	WORK ORDER	SALES ORDER - LINE	CUST PO. NO.
00100427			A06293	105-008573 - 1	800787

SOLD TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

SHIP TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

PART DESCRIPTION	QTY ORDERED	UM
Material Type: 321 Stainless Steel	632.00	LBS
MATERIAL TESTS NOT COVERED WITHIN NADCAP OR ISO/IEC 17025 SCOPE OF ACCREDITATION. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATION MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW.		
PART NUMBER	S32100-01400AN#2	
CUST. P/N	01-16-014-13	

PRODUCT DESCRIPTION

Material Type: 321 Stainless Steel
Gauge: 0.01400" Gtol+: 0.00150" Gtol-: 0.00100"
Width: 3.4740" Wtol+: 0.00500" Wtol-: 0.00500"
Temper: AN Edge: 3S-#3 Slit Finish: #2
Camber Max: 0.250" in 8 feet

Customer Specifications

ASTM A240-16
SF-MS01, REV 7
SF-321, TYPE 1

Chemical Analysis (Wt. %) HEAT NO. 0445774-005

C	Cr	Cu	Mn	Mo	Ni	N	P	Si	S	Ti
.029	17.210	.190	.950	.190	9.130	.016	.024	.630	.001	.280

Mill Source

Country of Origin Mill Source

Italy Arinox

Mechanical Properties

TEST	UNITS	RESULTS	HIGH	LOW
Tensile - PSI		89778	✓	
Yield - PSI		35099	✓	
Elongation %		56	✓	
Grain Size		8	✓	
Bend		Pass		
Tensile - PSI		89778		
Yield - PSI		35099		
Elongation %		56		
Grain Size		8		
Bend		Pass		

FERRITE 5.727

US HOSE CORP.
ORDER# 199804
REFERENCE 170130EH3
COMMENTS LINE# 1
PART# 0320-048-620

This material was produced free from mercury, radium, alpha source, and low melting alloy or metal contamination. All converted hardness values must be considered approximate based on ASTM E140 and may be inaccurate for specific application. This material Certification is only valid when signed by an authorized quality representative.

Processed and Verified per Ulbrich Quality Procedures
Certification Can Not Be Copied Except In Full

NET WEIGHT SHIPPED 632.00 LBS

SIGNED:

TITLE:

QUALITY COORDINATOR

DATE:

22-Aug-2016

MA-002
8/22/2016

800787
01-16-014-13



ADDITIONAL DOCUMENTS REQUIRED FOR CERTIFICATION

12340 South Laramie Avenue
Alsip, IL 60803-3292 USA

Tel: 708-489-9500
or 800-323-7035
Fax: 708-371-1802

We Deliver Precision™

LOAD NO.	SHIP DATE	ULBRICH OF ILLINOIS	WORK ORDER	SALES ORDER - LINE	CUST PO. NO.
00100427			A06293	105-008573 - 1	800787

SOLD TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

SHIP TO: US Hose Corporation
815 Forestwood Drive
Romeoville, IL 60446
USA

HEAT ID#
26860

PART DESCRIPTION	QTY ORDERED	U/M
Material Type: 321 Stainless Steel	632.00	LBS
MATERIAL TESTS NOT COVERED WITHIN NADCAP OR ISO/IEC 17025 SCOPE OF ACCREDITATION. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATION MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW.		
PART NUMBER S32100-01400AN#2		
CUST. P/N 01-16-014-13		

ADDITIONAL DOCUMENTS REQUIRED

Mlt. Mill Cert. is Required

US HOSE CORP.
ORDER# 199804
REFERENCE# 170130EH3
LINE# 1
PART# 0320-048-520

800787
01-16-014-13

170207 B

Bhl



VENUS WIRE INDUSTRIES PRIVATE LIMITED

REGD. OFFICE : Unit No. 2002, 20th Floor, Tower No 3 Indiabulls Finance Centre, Senapati Bapat Marg, Elphinstone Road, MUMBAI 400 013, (INDIA)
TEL.: +91(22)30451000/24978840 FAX : +91(22)30451045/24978846 E-MAIL: wqi@venuswires.com WEBSITE : www.venuswires.com

ISO: 9001:2008
CERTIFIED

No. WD/VW/2016-17/2133

INSPECTION /MILL/MATERIAL/QUALITY /EN 10204/3.1 CERTIFICATE

PRODUCT INFORMATION	CUSTOMER : US HOSE CORPORATION, U.S.A.		GRADE: SF-321-W											
	INVOICE NO. : VW/160361		HEAT NO. : V10990											
	PRODUCT FORM : STAINLESS STEEL WIRE													
	DIMENSION : 0.0126"		Tol :- ±0.0003"											
	IDENTIFICATION : BOX NO.: NN 1719-1720, SPOOL NO.: EU 01-45		QUANTITY : 2017.78 LBS											
CHEMICAL COMPOSITION	CONDITION : BRIGHT ANNEALED.													
	ELEMENTS	C%	Si%	Mn %	P%	S%	Cr %	Ni %	Cu%	Mo %	N%	Nb%	Ti%	
	SPECIFIED MIN	-----	-----	-----	-----	-----	17.00	9.000	-----	-----	-----	-----	5 x C	---
	MAX	0.080	1.000	2.000	0.045	0.030	19.00	12.00	-----	-----	-----	-----	0.800	---
	RESULTS	0.016	0.40	1.64	0.037	0.002	17.46	9.06	----	----	----	----	0.22	
MECHANICAL PROPERTIES														
RESULTS	DIAMETER (INCH)	UTS (PSI)	YS (0.2%) (PSI)	R.A. %	ELONGATION % (G.L. 10")	HARDNESS								
SPECIFIED MIN	0.0123	100077	36260	NA	35.00	NA								
MAX	0.0129	123283	56565	NA	--	NA								
SPOOL NO :- EU 12	0.0125	107006	43038	--	41.00	--								

HEAT TREATMENT : * STRAND ANNEALED AT 1050°C.

REMARKS

- * MATERIAL IS FREE FROM MERCURY CONTAMINATION.
- * MATERIAL IS AS PER CUSTOMER SPECIFICATION SF-MS03 REV.C
- * CERTIFICATE ACC TO EN 10204/3.1b(FORMERLY DIN 50049 3.1).
- * CUSTOMER ORDER NO: 800746, DATE: 20-06-2016.
- * PART NO : 75-16-012-01

US HOSE CORP.

ORDER# 199804

REFERENCE# 170130EH3

LINE# 2

PART# 0903-113-600

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE CUSTOMER'S REQUIREMENTS. MECHANICAL TEST RESULTS ARE TAKEN RANDOMLY FROM THE LOT.

DATE: 10/08/2016



SHAILENDRA SHARMA
(WORK INSPECTOR)

DOC.No. F/QAD/06,R4

PLANT : ATKARGAON, TAKAI ADOSHI ROAD, KHALAPUR, KHOPOLI- 410203.
PHONES : +91 (2192)304800/263404/262612 FAX : +91 (2192) 304850/268873

75-16-012-01

800746

27052

HEAT ID#



Romeoville, IL 60446

815 Forestwood Drive
Tel: (815) 886-1140
(800) 671-0033
Fax: (815) 886-4550
www.ushosecorp.com

CERTIFICATE OF CONFORMANCE

Customer's Name: AERO-FLEX

Customer's Address: JUPITER, FL 33458

Customer's Purchase Order: 170130EH3

U.S. Hose Corp. Order No.: 199804

Quantity & Description:

LINE . 1 QTY: 124 FT [HOSE T-321 400M 3/4" METAL HOSE] 170207 A
P/N: 0320-048-500

LINE . 2 QTY: 150 FT [BRAID 48 X 6 X .0126 T-321 3/4" BRAID] 170207 B
0903-113-600

Additional Information:

U.S. Hose Corporation Romeoville hereby certifies that all material used in the manufacture of the above order conforms to material and/or manufacturing specifications detailed on U.S. Hose Corporation Romeoville drawings and/or specifications listed above and are in accordance with the manufacturing provisions of the order.

By: LSOUMPHONPAKDY

Sign: [Signature]

Quality Assurance Representative



Date: 2/1/2017

SF-319
11/23/04



VENUS WIRE INDUSTRIES PRIVATE LIMITED

REGD. OFFICE : 19 RAGHUVANSHI MILL COMPOUND, S. B. MARG, LOWER PAREL, MUMBAI 400 013, (INDIA)
TEL.: +91(22)30451000/24978840 FAX : +91(22)30451045/24978846 E-MAIL : wqc@venuswires.com WEBSITE : www.venuswires.com

ISO: 9001:2008
CERTIFIED

No. WD/VW/2017-18/1412

INSPECTION /MILL/MATERIAL/QUALITY /EN 10204/3.1 CERTIFICATE

PRODUCT INFORMATION	CUSTOMER	: US HOSE CORPORATION, U.S.A.								GRADE : SF-321-W				
	INVOICE NO.	: PM/170557								HEAT NO.: V11940				
	PRODUCT FORM	: STAINLESS STEEL WIRE												
	DIMENSION	: 0.0126" Tol :- ±0.0003"								QUANTITY : 2914.09 LBS				
	IDENTIFICATION	: BOX NO. : NN 1884-1885, SPOOL NO.: SC 01-64												
CHEMICAL COMPOSITION	CONDITION : BRIGHT ANNEALED.													
	ELEMENTS	C%	Si%	Mn %	P%	S%	Cr %	Ni %	Cu%	Mo %	N%	Nb%	Ti%	---
	SPECIFIED MIN	----	----	----	----	----	17.00	9.000	----	----	----	----	5 x C	----
	SPECIFIED MAX	0.080	1.000	2.000	0.045	0.030	19.00	12.00	----	----	----	----	0.800	----
	RESULTS	0.019	0.42	1.60	0.037	0.003	17.20	9.00	----	----	----	----	0.23	----
MECHANICAL PROPERTIES														
RESULTS	DIAMETER	UTS (PSI)	YS (0.2%) (PSI)	R.A. %	ELONGATION % (G.L. 10")	HARDNESS								
SPECIFIED MIN	0.0123	100077	36260	NA	35.00	NA								
SPECIFIED MAX	0.0129	123283	56565	NA	---	NA								
SPOOL NO :- SC 03	0.0125	104159	47013	---	38.00	---								

HEAT TREATMENT : * STRAND ANNEALED AT 1050°C.

REMARKS

- * MATERIAL IS FREE FROM MERCURY CONTAMINATION.
- * MATERIAL IS AS PER CUSTOMER SPECIFICATION SF-MS03 REV.C
- * CERTIFICATE ACC TO EN 10204/3.1b(FORMERLY DIN 50049 3.1).
- * CUSTOMER ORDER NO: 801065, DATE: 03-04-2017.
- * PART NO : 75-16-012-01.

US HOSE CORP.

ORDER# 218722
REFERENCED 18105EA2
LINE#
PART# 0903-113-690

QCB

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE CUSTOMER'S REQUIREMENTS. MECHANICAL TEST RESULTS ARE TAKEN RANDOMLY FROM THE LOT.

DATE : 11/07/2017



SHAILENDRA SHARMA
(WORK INSPECTOR)

DOC.No. F/QAD/06.R4

PLANT : ATKARGAON, TAKAI ADOSHI ROAD, KHALAPUR, KHOPOLI- 410203.
PHONES : +91 (2192)304800/263404/262612 FAX : +91 (2192) 304850/268873

31092

75-16-612-01

801065

**MATERIAL TEST REPORT (MTR) for 316 / 316L SS PRODUCT SHIPPED:**
CERTIFICATE OF CONFORMANCE TO EN10204 & DIN50049, Type 3.1**Fittings****Customer (Sold To)**

AERO-FLEX
3147 JUPITER PARK CR STE #2
JUPITER FL 33458

Customer P.O.

180319EH2

SSP Order No.

2803947

Date:

4/10/2018

Product Category

Fittings

Item	Quantity	Part Number	Heat Code(s)					
2	25	3/4BJHSE12-2WIRE	LSK	XE				

SSP hereby certifies that all materials used in the manufacture of parts supplied conform to the material and/ or manufacturing specifications cited on the purchase order, catalogs and Certificate of Conformance.

This MTR complies with the non-specific inspection requirements of EN 10204. It does not apply to hardware items such as springs, o-rings, gaskets, snap rings, balls, jam or lock nuts, handles, lanyards, etc.

All products are cleaned and packaged in accordance with SSP specifications.

In accordance with the provisions of **Directive 2011 / 95 / EC (RoHS II)**, all SSP products and packaging are in conformance with the requirements of this directive, and contain less than the limiting levels of restricted hazardous substances:

Lead (Pb), Mercury (Hg), Hexavalent Chromium [Cr(VI)], Cadmium (Cd), Polybromated flame retardants [Biphenyl (PBB) or dephenyl ether (PBDE)], or Perfluorooctane sulfonate compounds (PFOS).

No mercury was used in directly-connected manometers, seals, pumps, or glass thermometers, nor has mercury been handled in the immediate vicinity, during any stage of production or testing.

Also all SSP products and packaging are in conformance with the requirements of REACH / SVHC.

All products manufactured by SSP are Asbestos-free.

Typical mechanical and chemical analysis of the material used in the manufacture of SSP products are listed below. These values are average values confirmed by examination of certified material test reports and authenticated through non-destructive x-ray fluorescence inspection.

MATERIAL STANDARD

COMPONENT	MATERIAL	STANDARDS
Forged	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, EN 10088-3 1.4401/1.4404 ASTM A182 A479, A484, ASME SA479
Bar stock	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, ASTM A182 A479, A484, ASME SA479

MECHANICAL PROPERTIES

COMPONENT	YIELD STR.	TENSILE STR.	ELONG. RED. AREA		HARDNESS	
	(ksi / MPa)	(ksi / MPa)	(%)	(%)	HRB	HB
Forged	71.8 / 495	96.2 / 663	41.8	73.9	82	192
Bar stock	81.4 / 561	98.4 / 678	36.1	73.5		197.5

COMPONENT	CHEMICAL ANALYSIS									
	C	Cr	Mn	Mo	N	Ni	P	S	Si	Cu
Forged	0.02	16.69	1.51	2.04	0.03	10.72	0.03	0.03	0.51	0.65
Bar stock	0.02	16.73	1.59	2.05	0.02	11.13	0.02	0.03	0.58	0.8

NOTE: Austenitic stainless steel material has passed the Intergranular Corrosion Test requirements of ASTM A262, Practice A.

Quality Assurance

Engineering



180413 A, B

CERTIFICATE of CONFORMANCE and ORIGIN

SSP certifies that SSP is the manufacturer of all valves and fittings contained in this shipment. All SSP products are manufactured in the United States of America.

SSP also certifies all materials used in the manufacture of parts in this shipment conform to the requirements for the material as listed below. All markings have been applied either by low stress stamping, stenciling, or laser marking as permitted by ASME Section III.

QUALITY MANAGEMENT STANDARDS

SSP's Quality System is certified to ISO 9001:2008 and ISO 17025 lab Management System Standards ensuring products are manufactured and tested to technical design specifications and quality control standards.

DESIGN STANDARDS

All products of all alloy types are designed and manufactured per ANSI B-31.1 or ANSI B-31.3. Other design standards may also be utilized depending upon the product.

MATERIAL STANDARDS

COMPONENT	MATERIAL	STANDARDS
Forged component	316/316L, 304/304L stainless	ASME SA182 and ASTM A-479
Forged component	CA-377 brass	ASTM B-124
Forged component	Carbon steel	ASTM A-179
Forged component	Monel 400 & Hastelloy C276	ASTM B-564
Bar stock component	316/316L, 304/304L stainless	ASTM A-479 and ASTM A-276
Bar stock component	CA-345 and 360 brass	ASTM B-453 and ASTM B-16
Bar stock component	Carbon steel	ASTM A-108
Bar stock component	Monel 400	ASTM B-164
Bar stock component	Hastelloy C276	ASTM B-574 and ASTM B-575
Bar stock component	17-4PH	ASTM A-564
Tubing	316/316L	ASME SA213 and ASTM A-213/A269

No mercury was used in directly-connected manometers, seals, pumps, or glass thermometers during production or testing. No mercury has been handled in the immediate vicinity during production or testing. All products manufactured by SSP are Asbestos-free.

This blanket certification is for use as a general certification and is not to be altered in any manner. This certification is only applicable to materials shipped directly from SSP or an SSP authorized distributor and must be accompanied by the appropriate shipping documents which reference the SSP products shipped.

APPROVED: _____
Quality Assurance

APPROVED: _____
Engineering



**MATERIAL TEST REPORT (MTR) for 316 / 316L SS PRODUCT SHIPPED:****Fittings****CERTIFICATE OF CONFORMANCE TO EN10204 & DIN50049, Type 3.1****Customer (Sold To)**

AERO-FLEX
3147 JUPITER PARK CR STE #2
JUPITER FL 33458

Customer P.O.

180319EH2

SSP Order No.

2803947

Date:

4/10/2018

Product Category

Fittings

Item	Quantity	Part Number	Heat Code(s)
1	25	3/4BHJS12-2WIRE	MAL LSK

SSP hereby certifies that all materials used in the manufacture of parts supplied conform to the material and/ or manufacturing specifications cited on the purchase order, catalogs and Certificate of Conformance.

This MTR complies with the non-specific inspection requirements of EN 10204. It does not apply to hardware items such as springs, o-rings, gaskets, snap rings, balls, jam or lock nuts, handles, lanyards, etc.

All products are cleaned and packaged in accordance with SSP specifications.

In accordance with the provisions of **Directive 2011 / 95 / EC (RoHS II)**, all SSP products and packaging are in conformance with the requirements of this directive, and contain less than the limiting levels of restricted hazardous substances:

Lead (Pb), Mercury (Hg), Hexavalent Chromium [Cr(VI)], Cadmium (Cd), Polybromated flame retardants [Biphenyl (PBB) or dephenyl ether (PBDE)], or Perfluorooctane sulfonate compounds (PFOS).

No mercury was used in directly-connected manometers, seals, pumps, or glass thermometers, nor has mercury been handled in the immediate vicinity, during any stage of production or testing.

Also all SSP products and packaging are in conformance with the requirements of REACH / SVHC.

All products manufactured by SSP are Asbestos-free.

Typical mechanical and chemical analysis of the material used in the manufacture of SSP products are listed below. These values are average values confirmed by examination of certified material test reports and authenticated through non-destructive x-ray fluorescence inspection.

MATERIAL STANDARD

COMPONENT	MATERIAL	STANDARDS
Forged	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, EN 10088-3 1.4401/1.4404 ASTM A182 A479, A484, ASME SA479
Bar stock	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, ASTM A182 A479, A484, ASME SA479

MECHANICAL PROPERTIES

COMPONENT	YIELD STR.	TENSILE STR.	ELONG.	RED. AREA	HARDNESS	
	(ksi / MPa)	(ksi / MPa)	(%)	(%)	HRB	HB
Forged	71.8 / 495	96.2 / 663	41.8	73.9	82	192
Bar stock	81.4 / 561	98.4 / 678	36.1	73.5		197.5

CHEMICAL ANALYSIS

COMPONENT	C	Cr	Mn	Mo	N	Ni	P	S	Si	Cu
Forged	0.02	16.69	1.51	2.04	0.03	10.72	0.03	0.03	0.51	0.65
Bar stock	0.02	16.73	1.59	2.05	0.02	11.13	0.02	0.03	0.58	0.8

NOTE: Austenitic stainless steel material has passed the Intergranular Corrosion Test requirements of ASTM A262, Practice A.

Quality Assurance

Engineering



131018 B, C

CERTIFICATE of CONFORMANCE and ORIGIN

SSP certifies that SSP is the manufacturer of all valves and fittings contained in this shipment. All SSP products are manufactured in the United States of America.

SSP also certifies all materials used in the manufacture of parts in this shipment conform to the requirements for the material as listed below. All markings have been applied either by low stress stamping, stenciling, or laser marking as permitted by ASME Section III.

QUALITY MANAGEMENT STANDARDS

SSP's Quality System is certified to ISO 9001:2008 and ISO 17025 lab Management System Standards ensuring products are manufactured and tested to technical design specifications and quality control standards.

DESIGN STANDARDS

All products of all alloy types are designed and manufactured per ANSI B-31.1 or ANSI B-31.3. Other design standards may also be utilized depending upon the product.

MATERIAL STANDARDS

COMPONENT	MATERIAL	STANDARDS
Forged component	316/316L, 304/304L stainless	ASME SA182 and ASTM A-479
Forged component	CA-377 brass	ASTM B-124
Forged component	Carbon steel	ASTM A-179
Forged component	Monel 400 & Hastelloy C276	ASTM B-564
Bar stock component	316/316L, 304/304L stainless	ASTM A-479 and ASTM A-276
Bar stock component	CA-345 and 360 brass	ASTM B-453 and ASTM B-16
Bar stock component	Carbon steel	ASTM A-108
Bar stock component	Monel 400	ASTM B-164
Bar stock component	Hastelloy C276	ASTM B-574 and ASTM B-575
Bar stock component	17-4PH	ASTM A-564
Tubing	316/316L	ASME SA213 and ASTM A-213/A269

No mercury was used in directly-connected manometers, seals, pumps, or glass thermometers during production or testing. No mercury has been handled in the immediate vicinity during production or testing. All products manufactured by SSP are Asbestos-free.

This blanket certification is for use as a general certification and is not to be altered in any manner. This certification is only applicable to materials shipped directly from SSP or an SSP authorized distributor and must be accompanied by the appropriate shipping documents which reference the SSP products shipped.

APPROVED: _____
Quality Assurance

APPROVED: _____
Engineering



**MATERIAL TEST REPORT (MTR) for 316 / 316L SS PRODUCT SHIPPED:**
CERTIFICATE OF CONFORMANCE TO EN10204 & DIN50049, Type 2.2/3.1**Fittings****Customer (Sold To)**

AERO-FLEX
3147 JUPITER PARK CR STE #2
JUPITER FL 33458

Customer P.O.

181015EH

SSP Order No.

2814716

Date:

10/16/2018

Product Category

Fittings

Item	Quantity	Part Number	Heat Code(s)					
1	5	3/4BHJS12-2WIRE	LSK	MAL				

SSP hereby certifies that all materials used in the manufacture of parts supplied conform to the material and/ or manufacturing specifications cited on the purchase order, catalogs and Certificate of Conformance.

This MTR complies with the non-specific inspection requirements of EN 10204. It does not apply to hardware items such as springs, o-rings, gaskets, snap rings, balls, jam or lock nuts, handles, lanyards, etc.

All products are cleaned and packaged in accordance with SSP specifications.

In accordance with the provisions of **Directive 2011 / 95 / EC (RoHS II)**, all SSP products and packaging are in conformance with the requirements of this directive, and contain less than the limiting levels of restricted hazardous substances:

Lead (Pb), Mercury (Hg), Hexavalent Chromium [Cr(VI)], Cadmium (Cd), Polybromated flame retardants [Biphenyl (PBB) or dephenyl ether (PBDE)], or Perfluorooctane sulfonate compounds (PFOS).

No mercury was used in directly-connected manometers, seals, pumps, or glass thermometers, nor has mercury been handled in the immediate vicinity, during any stage of production or testing.

Also all SSP products and packaging are in conformance with the requirements of REACH / SVHC.

All products manufactured by SSP are Asbestos-free.

Typical mechanical and chemical analysis of the material used in the manufacture of SSP products are listed below. These values are average values confirmed by examination of certified material test reports and authenticated through non-destructive x-ray fluorescence inspection.

MATERIAL STANDARD

COMPONENT	MATERIAL	STANDARDS
Forged	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, EN 10088-3 1.4401/1.4404 ASTM A182 A479, A484, ASME SA479
Bar stock	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, ASTM A182 A479, A484, ASME SA479

MECHANICAL PROPERTIES

COMPONENT	YIELD STR.	TENSILE STR.	ELONG.		RED. AREA		HARDNESS	
	(ksi / MPa)	(ksi / MPa)	(%)	(%)	(%)	(%)	HRB	HB
Forged	71.8 / 495	96.2 / 663	41.8	73.9			82	192
Bar stock	81.4 / 561	98.4 / 678	36.1	73.5				197.5

CHEMICAL ANALYSIS

COMPONENT	C	Cr	Mn	Mo	N	Ni	P	S	Si	Cu
Forged	0.02	16.69	1.51	2.04	0.03	10.72	0.03	0.03	0.51	0.65
Bar stock	0.02	16.73	1.59	2.05	0.02	11.13	0.02	0.03	0.58	0.8

181015B

Quality Assurance

Engineering

**MATERIAL TEST REPORT (MTR) for 316 / 316L SS PRODUCT SHIPPED:**
CERTIFICATE OF CONFORMANCE TO EN10204 & DIN50049, Type 2.2/3.1**Fittings****Customer (Sold To)**

AERO-FLEX
3147 JUPITER PARK CR STE #2
JUPITER FL 33458

Customer P.O.

181015EH

SSP Order No.

2814716

Date:

10/16/2018

Product Category

Fittings

Item	Quantity	Part Number	Heat Code(s)
2	5	3/4BHJSE12-2WIRE	YH XE LSK

SSP hereby certifies that all materials used in the manufacture of parts supplied conform to the material and/ or manufacturing specifications cited on the purchase order, catalogs and Certificate of Conformance.

This MTR complies with the non-specific inspection requirements of EN 10204. It does not apply to hardware items such as springs, o-rings, gaskets, snap rings, balls, jam or lock nuts, handles, lanyards, etc.

All products are cleaned and packaged in accordance with SSP specifications.

In accordance with the provisions of **Directive 2011 / 95 / EC (RoHS II)**, all SSP products and packaging are in conformance with the requirements of this directive, and contain less than the limiting levels of restricted hazardous substances:

Lead (Pb), Mercury (Hg), Hexavalent Chromium [Cr(VI)], Cadmium (Cd), Polybromated flame retardants [Biphenyl (PBB) or dephenyl ether (PBDE)], or Perfluorooctane sulfonate compounds (PFOS).

No mercury was used in directly-connected manometers, seals, pumps, or glass thermometers, nor has mercury been handled in the immediate vicinity, during any stage of production or testing.

Also all SSP products and packaging are in conformance with the requirements of REACH / SVHC.

All products manufactured by SSP are Asbestos-free.

Typical mechanical and chemical analysis of the material used in the manufacture of SSP products are listed below. These values are average values confirmed by examination of certified material test reports and authenticated through non-destructive x-ray fluorescence inspection.

MATERIAL STANDARD

COMPONENT	MATERIAL	STANDARDS
Forged	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, EN 10088-3 1.4401.4404ASTM A182 A479, A484, ASME SA479
Bar stock	316 / 316L SS	316 / 316L SS, UNS S31600/S31603, ASTM A182 A479, A484, ASME SA479

MECHANICAL PROPERTIES

COMPONENT	YIELD STR. (ksi / MPa)	TENSILE STR. (ksi / MPa)	ELONG. (%)	RED. AREA (%)	HARDNESS HRB HB
Forged	71.8 / 495	96.2 / 663	41.8	73.9	82 192
Bar stock	81.4 / 561	98.4 / 678	36.1	73.5	197.5

CHEMICAL ANALYSIS

COMPONENT	C	Cr	Mn	Mo	N	Ni	P	S	Si	Cu
Forged	0.02	16.69	1.51	2.04	0.03	10.72	0.03	0.03	0.51	0.65
Bar stock	0.02	16.73	1.59	2.05	0.02	11.13	0.02	0.03	0.58	0.8

181018C

Quality Assurance

Engineering

Davlyn Manufacturing Co.
P.O. Box 49
85 Mennonite Church Road
Spring City, PA 19475 USA
PH (610) 948-5050

Order Number: 0116014
Order Date: 15-Oct-2018
Customer P.O. 181015EH3
Customer Number: AEROFLE

SHIP DATE 16-Oct-2018

SOLD TO:

Aero-Flex Corp.
3147 Jupiter Park Circle
Suite 2
Jupiter, FL 33458
United States

SHIP TO:

Aero-Flex Corp.
3147 Jupiter Park Circle
Suite 2
Jupiter, FL 33458
United States

SHIP VIA

UPS Ground - USA

FREIGHT TERMS

Collect 4E022A

SHIPPING TERMS

FOB Spring City

Item Number

Ordered Unit

Shipped

Backordered

50 FT

50

S-E13170-20-B0

1 1/4" Silco Sleeve Braid

1 Box Box Qty: 50

181018D

\$200.00 Minimum order requirement has
been waived

Certificate of Compliance Included with
Packing Slip



October 15, 2018

Eric Hobart
Aero-Flex Corp.
3147 Jupiter Park Drive
Suite 2
Jupiter, FL 33458

Dear Eric:

In accordance with your request, we confirm that our Silco Sleeve Braided products (including the one you recently purchased from us on your PO 181015EH3) complies with the AS1072 build requirements with the single exception of the lack of any AS1072 identification printing on the outside of the sleeve.

We thank you and appreciate your business.

Very truly yours,

Davlyn Manufacturing Co., Inc

1810180

A handwritten signature in cursive script, appearing to read "Gary L. Flasher".

Gary Flasher
Product Manager

Davlyn Manufacturing Co., Inc.
P.O. Box 49
85 Mennonite Church Road
Spring City, PA 19475 USA
PH (610) 948-5050

Order Number: 0112676
Order Date: 19-Mar-2018
Customer P.O. 180319EH4
Customer Number: AEROFLE

SHIP DATE 20-Mar-2018

SOLD TO:

Aero-Flex Corp.
3147 Jupiter Park Circle
Suite 2
Jupiter, FL 33458
United States

SHIP TO:

Aero-Flex Corp.
3147 Jupiter Park Circle
Suite 2
Jupiter, FL 33458
United States

SHIP VIA

UPS Ground - USA

FREIGHT TERMS

Collect 4E022A

SHIPPING TERMS

FOB Spring City

Item Number

Ordered Unit

Shipped

Backordered

18p322G

50 FT

50

S-E13170-20-B0

1 1/4" Silco Sleeve Braid

1 Box Box Qty: 50

Certificate of Compliance Included with
Packing Slip

\$200.00 Minimum order requirement has
been waived



180322G

February 1, 2017

Eric Hobart
Aero-Flex Corp.
3147 Jupiter Park Drive
Suite 2
Jupiter, FL 33458

Dear Eric:

In accordance with your request, we confirm that our Silco Sleeve Braided products (including the one you recently purchased from us on your PO 170131EH4) complies with the AS1072 build requirements with the single exception of the lack of any AS1072 identification printing on the outside of the sleeve.

We thank you and appreciate your business.

Very truly yours,

Davlyn Manufacturing Co., Inc

Joel Lukoff
President



CERTIFICATE OF COMPLIANCE

180322G 

CUSTOMER PURCHASE ORDER NUMBER: 180319EH4		
DRAWING NUMBER: N/A	REVISION NUMBER: N/A	QUANTITY: 50 FT

WE HEREBY CERTIFY, TO THE BEST OF OUR KNOWLEDGE AND BELIEF THAT THE MATERIAL USED IN THE FABRICATION OF THE ABOVE CONTRACT/ORDER MEETS ALL PHYSICAL AND CHEMICAL REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS CITED AND/OR CONTRACT REQUIREMENT OR DRAWING AS REQUIRED.

DAVLYN MANUFACTURING CO., INC.

SIGNED BY:

Jim Bono

TITLE:

Process Engineer

DATE:

March 20, 2018

DAS
38
9-89

DATE OF MANUFACTURE: March 20, 2018
DAVLYN PRODUCT DESCRIPTION: 1 1/4" SILCO SLEEVE BRAID
DAVLYN SPECIFICATION NUMBER: S-E13170-20-B0

FILE NO: 5418



AERO-FLEX CORPORATION
QUALITY MANAGEMENT SYSTEM

PRODUCTION ROUTER

Form	Section
4QF020 01	QMS T4
Revision	Page
C	1 of 4

Router No: **STK5418** Customer Aero-Flex Corporation PO No: STK5418 PO Line: 1 Frozen Process ☐
 PO Qty: **10** Part: 12EAS1S2-03900F Part Rev - Dwg No 12EAS1S2-03900F Dwg Rev: - Authority: AWS D17.1 DUE: **11/19/2018**
 Description: **HOSE ASSEMBLY, 12EAS12S-03900F**

FINAL Q.C. INSPECTION

KEY	ITEM/REQUIREMENT	TOL.	MEASURE DEVICE	RESULTS	STAMP	SPLIT ORDER
☐	DIMENSIONS - DWG D4943 REV B AS NOTED	40" ± 1/16"	PRECISION RULE	40" + 1/32" - 1/16"		
☐	VISUAL INSPECTION	AF2QP023	AWS CWI	PASS		
☐	PRESSURE - HYDRO - 180 PSIG/10 MINUTES (MINIMUM)	AF2QP024	GAUGE S/N 	PASS		
☐	ASSEMBLY IDENTIFICATION PER TAG/PRODUCT MARKING INSTRUCTIONS	AF2QP008 PARA 5.4	VISUAL 	PASS		
☐	INSPECT ID FOD & RETURN TO PRODUCTION FOR CAPPING	AF2QP015	VISUAL	PASS		
ROUTER COMPLETION		2QP020	AWS CWI	QTY PASS 10	QTY FAIL 0	
ALL PRODUCTION & INSPECTION/VERIFICATION OPERATIONS ARE COMPLETE						10/30/18

BILL OF MATERIAL

ITEM	DESCRIPTION	QTY	UOM	PART	A-F LOT NO.	QTY	STAMP	MANAGEMENT REMARKS
1	AMFM D-61 SS SOLID BRAID BAND 1.305" ID X 3/4" WIDTH X .049" THK. 304SS, A240 OR A249 OR A269	20	EA	BSD61SS BSD5955	181018A	20		
2	US HOSE 3/4" 401M HEAVY WEIGHT T321 HOSE W/ T321 SINGLE BRAID	390	IN	HH12B401M	170210K (5) (17) 180403AB (234")	390		✓ (18") 170207AB 181022A (Brid)
3	ADAPTOR, STRAIGHT, 3/4" BW END X -12 FEMALE JIC SWIVEL, 37" FLARED, 316SS W/ 2 LOCK WIRE HOLES	10	EA	3/4BHJS12-2WIRE	180413A (5) 181018B (5)	10		
4	ADAPTOR, 90° ELBOW, PIPE TO TUBE, 3/4" BW END, SWIVEL, 37" FLARED, -12, 316SS W/ 2 LOCK WIRE HOLES	10	EA	3/4BHJSE12-2WIRE	190413BV (5) 181018C (5)	10		
5	FIRE SLEEVE -20 AEROSPACE QUALITY	370	IN	FIRE20F	180322G (7) 181018D (3)	10		

SCRAP

Aero-Flex Corporation
 3147 Jupiter Park Circle, Ste. 2
 Jupiter, Florida 33458
 Ph 561.745.2534 Fax 561.745.2537



PRESSURE TESTING / HELIUM MASS SPEC EXAMINATION REPORT

☐ Aerospace ☒ Ground Support

TO Aero-Flex Corporation		FROM Mike Deakter		DATE 10/29/2018	
PROJECT AF Dwg: 12EAS1S2-03900F Dwg Rev: - Part: 12EAS1S2-03900F Part Rev: -					
PURCHASE ORDER NO. AF INVENTORY Line 1			AF ROUTER NO. STK5418		
ITEM	☒ Weld ☐ Castings ☒ Pipe ☐ Machined Parts		Other Hose		
	☒ Non-Weld ☐ Castings ☒ Pipe ☐ Machined Parts		Other Hose		
MATERIAL	Size 3/4"	No. of pieces 10	Type of Base Metal AUSS	Type of Filler Metal P8	WELD ☒ As Welded ☐ Smooth
LOCATION	Location Aero-Flex Corporation			System PT-001	
Acceptance Standard CUSTOMER			Procedure AF 2QP024		
TYPE OF CHECK	☒ Initial ☐ In Process ☐ Rework ☐ 24 Hr ☐ 7 Day ☒ Final				
TYPE OF INSPECTION METHOD	☒ Hydrostatic ☐ Pneumatic ☐ Bubble Test ☐ HMST-Pressurized Components ☐ HMST-Evacuated Components				
	Test Pressure/Vacuum 180 PSIG		Test Temperature 75°F Ambient		HMST Test Instrument N/A
	Test Medium/Concentration Potable Tap Water		Bubble Solution N/A		HMST Standard Leak N/A
	Gage Mfr. McDaniel	Model FIP-GF	Range 0-3000 PSIG	ID Number AFCG302	Tracer Gas/Concentration N/A
	Soak Time/Test Holding Time 10 Minutes Minimum				HMST Sensitivity Acceptance N/A
Reference Summary CUTOMER DRAWING			☐ See Attachment Results of Inspection Satisfactory/Pass No Leaks were Detected.		
CopyTo: AF File		Requested By PO Contract		Reported By Mike Deakter	
☐ Customer Specifications ☒ Accept ☐ Reject		Quality Designee Michael Scott			

NOTICE: THIS EXAMINATION REPORT IS A REPORT OF THE RESULTS OF THE TEST PROCEDURES ACTUALLY PERFORMED BY THIS COMPANY. IT IS SUBJECT TO THE LIMITATIONS OF THE TESTING SPECIFICATIONS AND PROCEDURES WHICH WERE UTILIZED. BY FURNISHING THIS REPORT, AERO-FLEX CORPORATION DOES NOT GUARANTEE ANY CONDITION OF THE TESTED SPECIMEN.

